A

METEOROLOGICAL JOURNAL

OF THE YEAR 1793,

KEPT IN LONDON,

BY WILLIAM BENT.

WELLCOME INSTITUTE LIBRARY

TO WHICH ARE ADDED,

OBSERVATIONS ON THE DISEASES

OF EACH MONTH

IN THE CITY AND SUBURBS.

LONDON:

PRINTED FOR W. BENT, PATER NOSTER ROW.

MVSEVM
BRITAN
NICVM

EXPLANATION.

THE Journal is kept on the ſouth ſide, and near the middle of Pater noſter row, which is 51 feet higher than the bed of the river Thames. The inſtruments uſed are, a perpendicular Barometer with an open ciſtern, two Fahrenheit's Thermometers, and a De Luc's Hygrometer; the latter being a new-invented inſtrument, it may be neceſſary to mention that the point of extreme dryneſs is 0, and that of extreme moiſture 100. The Journal of each month is divided into nine columns, which contain as follow:

1. The Day of the month, with the letter N or F affixed to that on which the moon is new or full.

2. The Hour of obſervation, morning and afternoon.

3. The height of the Barometer, in inches and 100 parts: it is placed in a room on the ground floor.

4. The degrees of the Thermometer out of door, facing the north *.

5. The degrees of the Thermometer in the houſe, placed in a paſſage at the bottom of a ſtaircaſe, where there is no fire-place.

6. The degrees of the Hygrometer, which is placed cloſe to an outward door conſtantly open in the daytime.

7. The degrees of Cloudineſs; the ſun being frequently obſcured with 3, and ſeldom viſible with 4; but when *b* is inſerted, the atmoſphere is ſo hazy above, and when *f*, ſo foggy below, that no diſtinction of clouds is perceptible.

8. The point and force of the Wind; 3 being rather briſk, and 4 blowing ſtrong.

9. Further obſervations and intermediate alterations of the Weather; in which the period [.] and colon [:] are uſed to denote a ſpace of time between any change, the latter being a diſtinction for midday and midnight.

The Medical Obſervations are communicated by a Friend.

* This inſtrument appears to be about 5 degrees higher in the greateſt cold of winter and heat of ſummer, than a ſimilar inſtrument at a village ſix miles weſt from London; but this is only to be conſidered of tranſient cold or heat, for on a continuance of either the variation is trifling. The difference may be cauſed by the multitude and cloſeneſs of buildings in the city, which prevents a free circulation of air, by the great number of fires in the houſes in winter, and by reflection of the ſun's heat from ſo many brick walls in ſummer.

METEOROLOGICAL JOURNAL, January 1793.

D.	H.	Baro.	T.out	T. in	Hyg.	C.	Wind.	Weather, &c.
1	8	29,87	35,5	43	51,5	f	SSW 1	: rain
	2	29,81	38,5	42	50	f	S 1	. little wet at times : rain
2	8	29,81	35,5	46	51,5	f	S 1	little rain
	2	29,81	39	47	50	f	N 1	
3	8	29,95	32	43,5	50	f	N 1	. very foggy
	2	29,93	33,5	44,5	50,5	f	N 1	very foggy. leſs fog at eve
4	8	30,14	34,5	44,5	53	5	E 1	
	2	29,79	36,5	43,5	50	4	E 1	. fine eve
5	8	29,82	37,5	42	50	4	SSE 1	. chiefly gentle rain
	2	29,68	40,5	44	53,5	5	S 1	little rain. fine night
6	8	29,98	36	44	50	4	W 1	. fine
	2	30,08	40	45,5	49,5	2	WNW 2	
7	8	30,23	33,5	42	50	f	W 1	. chiefly drizzling
	2	30,12	40	46	54	5	SSE 1	. little rain : much rain
8	8	29,74	45,5	48	59	5	SW 2	. fine and wind NW
	2	29,91	45	50	50,5	3	NW 3	. leſs wind
9	8	30,15	34	46	50	f	WNW 1	. very foggy : leſs fog
	2	30,17	38,5	47	50,5	3	W 1	hazy
10	8	29,86	41,5	47	58	5	SSW 1	. little rain at times
	2	29,73	49	49	57	5	S 1	. little wet at times. fine night
11	8	29,60	45	47	56	3	SSW 2	: cloudy
	2	29,52	47	51,5	53	5	S 3	chiefly rain and more wind
12	8	29,01	44	48	54	5	S 4	rain at times. fine
N	2	29,16	43,5	49,5	50	4	W 3	. clear night
13	8	29,37	37,5	47,5	52,5	2	SW 1	
	2	29,37	45	49,5	50	3	S 1	. cloudy and little rain
14	8	29,59	39,5	46,5	60	5	NE 2	. little rain
	2	29,62	43	46	55,5	5	NNE 1	. fine eve
15	8	30,10	36,5	45	54,5	5	NNE 2	
	2	30,12	40	47	53	5	NE 2	. little wet
16	8	29,86	35	44	55	5	NNE 1	
	2	29,93	36,5	43,5	50,5	5	NE 2	
17	8	30,26	38	44	55	5	N 2	little rain. leſs cloudy
	2	30,33	37,5	44,5	51	4	NE 2	
18	8	30,51	34,5	42	50,5	4	E 2	. fine
	2	30,52	36	43	50	2	ENE 2	
19	8	30,55	29	40,5	52,5	2	NE 1	
	2	30,52	33,5	42	51	2	NNE 1	. cloudy night
20	8	30,52	36	42	54,5	h	WNW 1	
	2	30,52	35	43	50,5	h	W 1	
21	8	30,53	32	42	49	f	W 1	
	2	30,51	35	44,5	50	f	W 1	. moonlight but very hazy
22	8	30,53	37	44,5	51	f	W 1	
	2	30,54	40,5	45	49,5	h	W 1	
23	8	30,52	35	43,5	51	f	W 1	
	2	30,47	37	44,5	50	5	SW 2	
24	8	30,26	40,5	46	51	f	SW 1	. much gentle rain
	2	30,21	43	47,5	53	f	SW 1	continual rain
25	8	30,05	41	47	59,5	5	NE 1	drizzling. fair
	2	30,12	42,5	47,5	53,5	4	NE 1	. foggy. fine night
26	8	30,26	32,5	44	59	f	NE 1	: fine
	2	30,26	37	45	50,5	3	SSE 2	
27	8	30,46	34	44	50	h	S 2	
F	2	30,42	40	45,5	49	h	WSW 1	. fine eve. foggy
28	8	30,22	39,5	45,5	55	f	WSW 1	. fine
	2	30,20	45	47	51	1	W 2	: cloudy
29	8	30,03	41,5	45	58,5	5	WSW 1	
	2	29,96	47	49	57	5	SW 2	: fine
30	8	29,87	40,5	48,5	51	h	WNW 1	. fine
	2	29,87	44	49	49	3	WSW 2	
31	8	29,92	37	46,5	50,5	2	W 1	hazy : cloudy
	2	29,92	45	49	50	5	WSW 1	. little wet at night

Observations *on the* Diseases *in* January 1793.

From the uncommon mildneſs of the winter, coughs, aſthmas, rheumatiſms, and thoſe other complaints which are uſual at an advanced period of life, have been very moderate, and a much ſmaller number than uſual of old people died; pulmonic complaints likewiſe have been mild, but fevers of a putrid tendency prevailed, and provedrather fatal; all the diſeaſes which occurred in the early part of January had that tendency. Smallpox likewiſe and meaſles (which at this ſeaſon of the year uſed to lay dormant) were frequent, but in general mild, particularly the latter. Scarlet fever appeared here and there, but in general mild, and with no particular ſymptoms. Toward the end of the month, a catarrh became ſo frequent as to merit the diſtinction of an epidemic—the throat and fauces were in general ſlightly inflamed, which in moſt caſes ſeemed to be continued to the bronchiæ, and was accompanied with ſtraitneſs and tightneſs of the cheſt; hoarſeneſs was a conſtant ſymptom, and in general there was a dry troubleſome cough, accompanied with conſiderable heat of the ſkin; the pulſe were frequent but not ſtrong; an expectoration in general took place in two or three days, the ſkin became moiſt, the urine depoſited a ſediment, and the diſeaſe gradually diſappeared. It was neceſſary in the cure of this diſeaſe, to uſe the lancet with caution, on account of the general tendency of diſeaſes at this period, though the blood when drawn was in general ſizy and inflamed; the antiphlogiſtic plan with ſquills, and the application of bliſters to the cheſt and fauces, in general relieved, though the patients mended but ſlowly. It rarely proved fatal.

METEOROLOGICAL JOURNAL, February 1793.

D.	H.	Baro.	T. out	T. in	Hyg.	C.	Wind.	Weather, &c.
1	8	29,54	43	47	55	5	S 2	. little wet
	2	29,41	45,5	49,5	50,5	5	S 2	. fine
2	8	29,63	37,5	47	51	1	SSW 1	hazy. cloudy. little rain
	2	29,58	45	49	52	4	SSW 3	. more wind and much gentle rain
3	8	29,40	44	49	54,5	4	SSW 2	. wind and rain : fine
	2	29,40	44,5	49,5	51	3	S 3	, clear night and leſs wind
4	8	29,37	41	48	52	1	SSW 1	foggy. fine
	2	29,34	44	49	50	2	SSW 2	
5	8	29,41	34,5	47,5	55	f	SSW 0	. little wet. fine
	2	29,54	43,5	49	51,5	2	NW 2	: little rain
6	8	29,62	40,5	49	53,5	5	WSW 1	gentle rain. leſs cloudy
	2	29,67	46	50,5	49	h	NW 1	. much rain at night
7	8	29,54	37	46	51	h	WNW 1	. fine
	2	29,75	41,5	47,5	47	1	NW 1	: cloudy
8	8	29,85	39	45,5	51	5	SW 2	little wet. ſhowers : fine
	2	29,63	42,5	47,5	50,5	3	WSW 2	. ſtormy ſhower
9	8	29,83	40,5	47,5	51	3	NW 2	
	2	29,83	46	49,5	50	4	WSW 1	. heavy ſhower. clear night
10	8	29,59	37	47,5	48	1	WSW 2	. more wind : hail ſtorm
N	2	29,66	39,5	48,5	47	4	W 4	. ſhowers : fine
11	8	29,65	38,5	46	49,5	1	WNW 3	
	2	29,83	43	47,5	47,5	4	WNW 2	. drizzling night : fair
12	8	29,57	45,5	48	49,5	4	W 2	. more wind
	2	29,64	49	49	47	4	W 4	. fine and leſs wind
13	8	29,97	40	47	51	f	WSW 1	. little wet
	2	29,92	50	50	53	4	WSW 1	. more cloudy and little rain
14	8	29,71	43	50,5	55	5	S 2	. little rain : fine
	2	29,81	45	50,5	49	3	W 1	. clear night : much rain
15	8	29,73	40	48,5	51	f	WSW 1	little rain
	2	29,75	43,5	49	49	5	S 1	
16	8	29,85	39,5	49	50	4	N 1	hazy. fine
	2	29,92	42	47	51	2	NNE 1	
17	8	30,12	36	44,5	51	f	N 1	
	2	30,06	41,5	45,5	50,5	h	NE 1	
18	8	29,82	38	47,5	51	3	SW 1	. much gentle rain
	2	29,82	43,5	52	50,5	h	WSW 1	. fine. clear night
19	8	30,07	34,5	46	50	f	NW 1	. fine
	2	30,11	43,5	48	47,5	2	NW 1	. foggy eve
20	8	30,22	34,5	44,5	51	2	NW 1	foggy
	2	30,19	44	47,5	48	1	WSW 1	. hazy night
21	8	30,13	38	46	51	2	S 1	foggy
	2	30,14	35	48	48	2	SSW 1	
22	8	30,23	32	43	50,5	f	S 1	. fine
	2	30,25	44,5	46	47,5	2	SSW 1	
23	8	30,21	45,5	47,5	54	4	WSW 1	foggy
	2	30,22	50,5	50,5	51	5	WSW 1	. gentle rain. windy night
24	8	30,22	49	51,5	54,5	3	W 1	foggy
	2	30,25	52,5	53	50	3	W 1	. cloudy eve
25	8	29,99	49,5	53	55,5	5	SSW 2	
F	2	29,89	48	52,5	52	5	SSW 3	. little wet : more wind and rain. fine
26	8	29,97	42	51,5	49,5	2	WNW 3	
	2	30,11	42,5	52,5	43,5	2	W 3	: cloudy
27	8	30,04	44,5	47,5	50	5	SSW 1	
	2	30,00	49	51,5	47	4	SSW 2	
28	8	29,92	43,5	49,5	50,5	h	SSW 1	drizzling : fine
	2	30,02	47	52	47	3	W 1	

Observations *on the* Diseases *in* February 1793.

THE catarrhal fever, which commenced the latter part of laſt month, continued to increaſe till about the middle of this; when it began to decline. It ſtill however continued, though more rare, and the ſymptoms were uniformly the ſame as before; children (eſpecially thoſe under ſix years of age) were the moſt frequent objects of this diſeaſe, and though thoſe of a more adult age did not eſcape it, yet it rarely attacked any of a more advanced one. The ſcarlet fever, in a mild form, ſtill prevailed, as did the ſmallpox and meaſles; the latter became remarkably frequent, with all the ſymptoms unuſually mild, the cough (which is in general a very diſtreſſing ſymptom) moderate, and the peripneumonic ſymptom, with the general affection of the lungs, ſo moderate as ſcarcely in any inſtance to require bleeding.

METEOROLOGICAL JOURNAL, March 1793.

D.	H.	Baro.	T. out	T. in	Hyg.	C.	Wind.	Weather, &c.
1	7	29,77	43	47,5	50,5	3	SW 3	. rain and more wind
	2	29,56	46	50	53,5	5	SW 3	. little rain. fine night: ſhower of hail and
2	7	29,72	42,5	50,5	50,5	2	W 2	: cloudy [rain
	2	29,73	50	51,5	50,5	5	SW 3	. little rain. ſtormy night: leſs wind
3	7	29,65	42	51	49	1	WSW 4	
	2	29,80	47,5	51	43	3	W 4	. leſs wind. clear night
4	7	29,92	36,5	48,5	46	1	W 1	
	2	29,92	45,5	51	43	3	W 1	. clear night
5	7	29,80	35	47,5	49,5	2	W 1	hazy. wind SSE: cloudy
	2	29,78	46	49,5	49,5	5	SSE 1	. wind E. little rain at night
6	7	29,93	41,5	49	53	3	ENE 1	
	2	29,99	48	51	50,5	3	NNE 2	. clear night
7	7	30,07	36,5	48,5	50,5	0	N 1	. hazy
	2	30,09	44	50	49	3	ENE 1	. more wind. cloudy night
8	7	30,23	38	46,5	48,5	5	E 2	. fine
	2	30,23	42,5	48,5	43,5	0	E 3	. leſs wind: cloudy
9	7	30,17	37	47	49	4	NE 1	. fine
	2	30,07	42	46	46	2	E 2	
10	7	29,99	36,5	45	49	3	E 2	
	2	29,92	40,5	46	45	3	E 2	hazy. more wind: cloudy
11	7	29,76	38	43	49,5	5	E 3	
	2	29,76	39	44	48	5	ENE 3	
12	7	29,90	34,5	42,5	45,5	4	E 2	. fine
N	2	29,92	36,5	43,5	46,5	1	E 3	. leſs wind. cloudy night: rain
13	7	29,82	46	44,5	62	5	SSW 1	. more wind: little rain
	2	29,99	52,5	49,5	57	5	SSW 3	. leſs cloudy. leſs wind
14	7	30,17	45,5	49,5	52,5	5	S 1	. fine
	2	30,17	52,5	52	46	3	SW 1	. cloudleſs eve but hazy
15	7	30,17	39	50,5	50,5	f	SW 0	. very foggy. fine
	2	30,07	50,5	51,5	45,5	1	SW 1	. thick upward
16	7	29,91	44	51,5	50	4	SW 1	. fine. more wind S and cloudy
	2	29,68	50	51,5	45	5	S 3	. leſs wind and much rain: fine
17	7	29,61	36	48,5	49	1	W 1	
	2	29,43	45,5	50	50	4	E 2	. much rain at night
18	7	29,09	46	51	53,5	5	SSE 1	. fine: cloudy
	2	29,25	40,5	52	49	4	S 1	. gentle rain. leſs cloudy night
19	7	29,72	38,5	48	49,5	4	W 1	. little rain. chiefly fine
	2	29,82	49	51	47,5	3	W 1	. ſtrong halo round the moon: cloudy
20	7	29,86	46	51	51,5	4	WSW 1	hazy
	2	29,86	52,5	54	49	4	SSW 1	hazy. little wet at night
21	7	29,86	48,5	55	51	5	SSW 1	drizzling. rain
	2	29,96	48	55	49,5	5	WSW 1	little rain. fine: cloudy
22	7	29,77	42,5	52	50	5	S 2	. much gentle rain
	2	29,63	45,5	51	51	5	S 2	gentle rain. ſhowers and fine
23	7	29,83	38	50,5	48	2	W 1	hazy
	2	29,82	46,5	51	46,5	3	SW 1	
24	7	29,90	37	48,5	49,5	0	NE 1	. cloudy. gentle rain
	2	29,91	43	49	49	5	NNE 1	much gentle rain
25	7	29,99	41,5	49	52,5	5	ENE 1	. little wet
	2	30,04	45,5	49	51,5	5	NE 2	. more wind: little ſnow and rain
26	7	29,99	39	49	51,5	6	NNE 3	ſnow and rain. fair
	2	29,95	41	46,5	53	5	NNE 2	
27	7	30,04	35,5	45	46	4	NE 2	
F	2	30,00	40,5	46,5	45	4	ENE 2	: little ſnow
28	7	29,78	34,5	44	47,5	5	NNE 1	little ſnow. fine with little ſnow at times
	2	29,76	42,5	46	42,5	3	E 2	. clear night
29	7	29,87	32	42	47,5	4	NNE 2	. leſs cloudy but hazy
	2	29,87	43,5	46,5	42	2	NE 2	hazy. Thermometer 32 at night
30	7	30,00	33	44,5	47,5	1	NE 1	hazy
	2	30,03	45,5	47	41,5	2	N 1	hazy
31	7	30,12	34	45,5	48	1	N 1	hazy [rain
	2	29,98	42,5	47	41,5	2	N 1	hazy. wind W. foggy night. cloudy: little

Observations *on the* Diseases *in* March 1793.

THE change which took place in the ſtate of the atmoſphere in the early part of this month, produced a very material alteration in the prevailing diſeaſes; the weather continued mild till the ſixth, when the wind changed to the northeaſt, it then continued either to the eaſtward or northward till the 13th (the day after the new moon) when it ſuddenly changed to the ſouth ſouthweſt, and the thermometer roſe ten degrees; it remained either to the ſouthward or weſtward till the 24th, when on its change the thermometer ſunk nine degrees, and it continued to the northward or eaſtward to the end of the month.

Theſe changes muſt naturally affect the human frame, and in conſequence of the acceſſion of cold, which commenced on the ſixth, perſons afflicted with the meaſles, which were before unuſually mild, began to ſuffer ſevere peripneumonic ſymptoms, and it conſequently proved more fatal; glandular enlargements were likewiſe frequent from the application of cold to the ſurface of the body; but the moſt prevailing diſeaſe was a ſore throat, occaſioned by ſmall apthous ulcerations, evidently ariſing from increaſed ſecretions of an acrid nature in the *primæ viæ*; it was eaſily cured by the uſe of gentle laxatives and abſorbents. The ſmallpox was much leſs frequent; but regular intermittents occurred very frequently; they were almoſt conſtantly attended with large ſecretions of acrid bile, which it was neceſſary to remove by emetics and mercurial purgatives; after which the diſeaſe readily yielded to the Peruvian bark in moderate doſes, frequently repeated.

Meteorological Journal, April 1793.

D.	H.	Baro.	T. out	T. in	Hyg.	C.	Wind.	Weather, &c.
1	7	29,80	38,5	46,5	46,5	5	SSE 1	continual gentle rain with little ſnow
	2	29,67	40	46	52,6	5	SE 2	ain. fine eve. cloudy: ſnow
2	7	29,57	36,5	45,5	52	5	NNE 1	ſnow. wind W and fine
	2	29,74	41	46,5	49	5	W 2	: fine
3	7	29,92	36,5	45,5	51,5	1	W 0	
	2	29,96	48,5	49	47	3	WSW 1	. cloudleſs night but hazy
4	7	30,05	40	45,5	56	3	S 0	foggy
	2	30,03	50	50	47	3	N 1	
5	7	30,03	42	48	52,5	4	N 1	. fine
	2	30,02	55	52,5	46	2	N 1	. hazy eve
6	7	30,09	41,5	48	53	h	NE 1	. fine
	2	30,09	48,5	52,5	51	1	NNE 1	
7	7	30,19	39,5	50	50	1	ENE 1	
	2	30,23	52	53	45	2	E 1	
8	7	30,32	39,5	49,5	49	1	E 1	
	2	30,32	51	52	40	1	E 2	
9	7	30,28	38	48,5	50	1	NE 2	
	2	30,25	50	50	39,5	2	NE 2	.
10	7	30,21	34,5	46	48	1	N 1	. cloudy and wind NE
N	2	30,18	48	50	50	5	NNE 2	. fine. clear night
11	7	30,08	36	46,5	46	1	N 1	hazy. cloudy and little ſnow
	2	30,00	45	50	48	4	NNW 1	hazy. little hail and rain
12	7	29,90	39,5	47	49	4	N 1	hazy. wind NE and much gentle rain
	2	29,90	45,5	49	47,5	5	NE 1	hazy. clear night
13	7	29,76	36,5	46	49	1	NNE 1	hazy
	2	29,71	51	50	42,5	3	NNE 1	. cloudy night
14	7	29,77	44,5	50	48	5	E 1	hazy. leſs cloudy
	2	29,84	47	50,5	44	4	N 1	hazy
15	7	29,93	33	44	45	4	W 1	hazy. fine: cloudy
	2	29,82	51	50,5	42,5	5	W 1	. little rain at times
16	7	29,66	38	48	47	5	NNW 2	. little ſnow. fine: ſhower of ſnow
	2	29,80	44,5	51	37	3	NNW 3	. leſs wind and clear night
17	7	30,09	34,5	46	45	2	W 1	hazy: cloudy. little rain
	2	30,03	41,5	48	45	5	SSW 2	much rain
18	7	29,29	48,5	49	57	h	W 1	: fine. ſhower
	2	29,26	52	52	51	3	W 1	hazy. little rain at night
19	7	29,59	41	50	49	4	N 1	. ſhowers of rain hail and ſnow
	2	29,87	42	51	47,5	3	N 1	. ſhowers of ſnow and hail. fine eve
20	7	30,22	36	46	48	1	WNW 1	haxy
	2	30,23	46	49	43	3	NNW 1	very hazy. fine. cloudy night
21	7	30,19	43	48	46	4	S 1	. fine
	2	30,15	54	53	42	1	S 2	
22	7	30,23	43	49,5	47	2	SE 1	hazy
	2	30,17	54,5	52	37	2	SE 2	
23	7	29,91	43,5	50	49	1	E 1	hazy
	2	29,80	58,5	55	39	3	SE 1	. hazy eve
24	7	29,73	47,5	53	48	4	E 1	
	2	29,73	58,5	56	44	3	E 1	. cloudy night: rain
25	7	29,79	45,5	54	50	5	N 1	. chiefly cloudy
	2	29,81	51	55	45	5	N 1	. chiefly oloudy
26	7	29,87	46	54	48,5	5	NW 1	: fine
F	2	29,79	55	55	43	3	SW 1	. more wind S
27	7	29,69	47,5	52,5	49,5	4	ESE 1	hazy. more cloudy
	2	29,68	55	56	45,5	4	E 2	
28	7	29,78	45,5	53	47	5	NNE 1	hazy. leſs cloudy
	2	29,83	55	56	43,5	3	N 1	hazy
29	7	29,89	45	52,5	46,5	2	NE 1	hazy. more wind S and cloudy: little rain
	2	29,79	54	56	46,5	5	S 3	little rain. fine eve. clear night
30	7	29,81	47,5	54	49,5	1	SW 2	. cloudy: little rain
	2	29,72	56	57,5	49	5	SSW 2	much gentle rain. windy: fine

Observations *on the* Diseases *in* April 1793.

THE diſeaſes of this month were very little different from thoſe of the laſt; rheumatiſm prevailed, and the ſmallpox increaſed in frequency, but were very mild. In the neighbouring villages, to the ſouth and ſouth-weſt, a malignant ſcarlet fever prevailed, and proved very fatal. There have been many caſes of croup, which is in general a very rare diſeaſe, though it had indeed appeared laſt winter, and in the preceding autumn. This has moſt likely been owing to the large proportion of wet weather; and the obſervations of Dr. Home ſtrengthen this opinion: he ſays, in his excellent treatiſe on this diſeaſe, that it occurred much more frequently in the neighbourhood of the ſea, and in wet and marſhy ſituations, than in any other. It is almoſt needleſs to obſerve, that in nearly every inſtance it proved fatal.

METEOROLOGICAL JOURNAL, May 1793.

D.	H.	Baro.	T. out	T. in	Hyg.	C.	Wind.	Weather, &c.
1	7	29,29	50	55	50	4	SW 4	. little wet at times
	2	29,28	55	56,5	46,5	4	SW 3	. gentle rain at times
2	7	29,39	49	54	49,5	4	SW 2	. frequent ſhowers
	2	29,50	53,5	56,5	49	4	SW 2	. hail and rain. ſhowers
3	7	29,17	44	53,5	47	1	W 1	hazy. more cloudy
	2	29,18	56	57	42	4	W 2	. little rain at times
4	7	29,32	44,5	54	50	3	W 1	hazy : cloudy
	2	29,28	56	57	42,5	5	SW 1	: little rain
5	7	29,92	51	55	50	4	WSW 2	. little rain at times
	2	30,08	56,5	56,5	41,5	3	NW 2	
6	7	30,32	46,5	53	46	2	NNW 1	
	2	30,31	59	58	40	4	N 1	. more cloudy : little wet
7	7	30,19	47	55	47	5	N 1	. little rain at times
	2	30,17	53,5	56	47,5	4	NE 1	. little rain. wind E. fine
8	7	30,17	46,5	52	53	h	E 1	. little wet
	2	30,13	54	56	46,5	4	SSE 1	. little rain. wind S : rain
9	7	30,08	48	53 5	51	5	SSW 2	little rain : fine
	2	30,13	58,5	58	45	3	W 2	. little wet at times
10	7	30,21	48	55	49	4	WSW 1	: ſmall ſhowers
N	2	30,18	58,5	56,5	46,5	4	S 1	. fine night
11	7	29,81	52,5	56	50	3	S 1	
	2	29,81	62	58,5	46	3	SE 1	. little rain. wind E
12	7	29,93	55	58,5	52	1	NE 1	hazy
	2	29,96	69	63	47	3	NE 1	
13	7	29,94	63	56	52	h	NNE 1	. more wind and fine
	2	29,94	69	64,5	45	2	NNE 3	
14	7	30,14	52,5	57,5	45	1	N 2	
	2	30,19	62	61,5	39	2	N 3	. leſs wind
15	7	30,22	52,5	58,5	44,5	1	NW 1	. more cloudy
	2	30,21	61,5	62	43	4	NNW 2	. clear night
16	7	30,29	48,5	56	46	1	N 1	
	2	30,24	61	60	38	2	N 1	. cloudy. fine night : cloudy
17	7	30,12	55	59	50	5	NW 1	
	2	30,02	61,5	62	44,5	4	WNW 1	. much rain : fair
18	7	30,02	52,5	59,5	50	5	N 1	. fine. cloudy : little rain
	2	30,16	60	61	45	5	NNE 2	. little wet
19	7	30,09	47,5	52	45	5	N 1	. little wet
	2	30,08	48	54,5	44	4	N 2	. fine
20	7	30,13	46	55	47	1	N 1	
	2	30,13	58	58	40	2	N 1	
21	7	30,19	49	55	46,5	1	N 1	
	2	30,19	65,5	60,5	42	2	NNE 2	. cloudy night
22	7	30,26	48,5	56,5	45	5	NNE 1	. fine
	2	30,26	58,5	58,5	50	2	N 2	. cloudy eve
23	7	30,26	48,5	56	48	4	NNE 1	. fine
	2	30,24	64	60	40	3	NE 1	. hazy night
24	7	30,23	49,5	57	47	h	NNE 1	
	2	30,21	56	58,5	44	4	N 2	. fine
25	7	30,30	47	55	46	1	N 2	
F	2	30,30	60	58,5	37	2	N 1	. cloudy eve : fine
26	7	30,29	50,5	55,5	40,5	1	N 1	: cloudy
	2	30,26	61	63,5	37	5	NNW 1	. fine
27	7	30,23	48,5	57	44,5	4	N 1	
	2	30,15	67	52	50	4	N 2	. fine night
28	7	30,01	53	59,5	46	5	WNW 1	. fine
	2	29,93	62,5	62	41	4	NNW 1	. fine
29	7	29,89	48,5	56	43	4	NW 1	. fine
	2	29,88	54,5	59	36	3	NW 2	
30	7	29,86	45,5	54,5	40	1	WNW :	
	2	29,96	56	57,5	34,5	3	NNW 1	
31	7	30,18	46,5	54	41	2	WNW 1	hazy. cloudy
	2	30,20	56	57	47	4	WNW 1	. fine

Observations *on the* Diseases *in* May 1793.

THOUGH this month, on the whole, proved tolerably healthy, yet the ſmallpox was rather frequent; for this being generally conſidered as the ſeaſon moſt favourable to inoculation, it ſpread from that cauſe, and there were many inſtances of rather a confluent ſort (even under inoculation) yet the ſymptoms were on the whole mild, and free from malignancy: with thoſe who had been inoculated, a redneſs of the ſkin, accompanied with a ſmall raſh, very commonly attended the eruption, and proved, as is uſually the caſe, an indication of a mild diſeaſe.

The ſcarlet fever, which commenced laſt month in the neighbouring villages, continued to make its progreſs toward the metropolis; however, it was rare there, but ſhould the weather become warm, we may expect it to be frequent. The *urticaria*, or nettle-raſh, prevailed very much, but in its uſual mild ſtate, ſo as to require no medical aſſiſtance. Apoplexy now and then occurred, as alſo paralytic and rheumatic affections, but not ſo frequently as to deſerve particular notice.

METEOROLOGICAL JOURNAL, June 1793.

D.	H.	Baro.	T. out	T. in	Hyg.	C.	Wind.	Weather, &c.
1	7	30,16	50	54,5	43,5	2	W 1	. more wind
	2	30,10	61	58	37,5	3	SSW 3	. hazy night
2	7	29,85	55,5	58	47	5	ESE 1	. more wind
	2	29,72	62,5	61	37,5	5	S 3	. little rain. leſs wind
3	7	29,99	58,5	60	47,5	4	SW 1	. fine
	2	30,07	66	62	40	2	SSW 2	
4	7	30,10	59	61	44	3	SSW 2	
	2	30,11	69	65	40	4	SSW 2	
5	7	30,08	59	62,5	46	4	S 1	hazy. cloudy: gentle rain
	2	30,08	67,5	66	44,5	4	SW 1	. little wet. fine
6	7	30,06	56	61	45	4	SSW 2	
	2	30,03	63,5	64,5	44	5	S 1	gentle ſhowers. fair eve
7	7	29,97	57,5	62,5	49	5	S 1	little wet. fine
	2	29,94	67	64,5	41	2	SW 1	. wind S
8	7	29,89	57,5	61,5	46	4	SSW 2	. little wet: ſhower. fine
N	2	29,95	63	63	44	3	SW 2	. ſhower
9	7	30,08	56	61	45	3	SSW 2	. little wet and more wind
	2	30,05	62,5	63	43	3	SSW 4	. leſs wind
10	7	30,13	54	60	44	4	SW 1	
	2	30,13	64,5	64,5	40	3	SW 1	
11	7	30,13	52	57	47	3	SW 1	hazy. cloudy
	2	30,07	62	61,5	42,5	5	SW 1	. fine. cloudy night: fine
12	7	29,97	54,5	60	47,5	2	W 0	hazy. cloudy
	2	30,04	61,5	62,5	41	5	NNW 1	: ſhower
13	7	30,17	54	60	46,5	4	NNE 1	
	2	30,20	59	62	42	5	NE 2	. wind N
14	7	30,23	50,5	58,5	45	5	N 2	. little wet
	2	30,21	56	60	41,5	5	N 2	. fine night
15	7	30,18	48,5	57	44	5	N 1	. leſs cloudy
	2	30,18	57,5	59	40	3	NNW 1	
16	7	30,18	54	60	44	1	WNW 1	: cloudy
	2	30,08	64,5	63	41,5	4	WNW 1	. little rain. fair night: little rain
17	7	29,91	57,5	61	48	5	WNW 1	. fine
	2	29,87	66,5	64	40,5	3	W 2	. wind NW
18	7	29,98	51	59	42	2	NW 1	hazy. cloudy
	2	29,99	59	61,5	39	4	WNW 1	. rainy night
19	7	29,75	54	60	47	5	W 1	. frequent ſhowers
	2	29,72	58	61	46	4	N 1	. little wet at night
20	7	29,92	51,5	58,5	46	5	NNW 1	
	2	30,03	54,5	60	43	5	NNW 1	. leſs cloudy
21	7	30,11	52	57	46	4	N 1	
	2	30,07	61,5	60	41	4	NW 1	. fine: cloudy
22	7	29,79	54	59	46	5	W 1	. little rain. fine
	2	29,83	61	60,5	40	2	NW 2	. cloudy eve. little wet: fine
23	7	29,99	50,5	59	42	1	NW 1	
F	2	30,02	61,5	60,5	32	2	NNW 1	. cloudy night
24	7	29,99	51,5	58,5	46	5	W 1	little wet at times: little rain
	2	29,94	58,5	60,5	46	5	W 1	. little wet at times
25	7	29,93	55,5	61	47,5	5	W 1	
	2	29,94	64	63	44	5	WSW 1	. gentle rain at eve and night
26	7	29,82	59,5	62,5	52,5	5	W 1	. little wet. fine
	2	29,83	71	64	43,5	2	W 2	
27	7	29,89	56	62	45	1	W 1	
	2	29,86	68,5	66	41	1	SW 1	
28	7	29,89	57,5	62,5	47	3	SW 1	. chiefly cloudy and little rain: fine
	2	29,93	65,5	65	44	3	SW 2	cloudy night
29		29,84	58	63	47,5	5	S 2	chiefly cloudy and gentle rain
	2	29,75	6	65	48	5	SSW 3	. little wet at eve but chiefly fine
30	7	29,9	5 ,5	63	47	3	SSW 3	. cloudy little rain: ſhower. fine
	2	29,94	60	65,5	42,5	3	SW 3	. leſs wind. cloudy night

Observations *on the* Diseases *in* June 1793.

THE ſcarlet fever began to prevail very early in the month, and increaſed in frequency as it advanced, particularly at the weſtern part of the town, but all its ſymptoms were mild; ſwellings of the tonſils and glands of the throat (as is uſual) accompanied it, but ſuppuration very ſeldom took place. The weather being warm, free admiſſion of air into the apartments of the ſick was beneficial, the fever was moderated by it, and the exceſſive debility which frequently ſucceeds this diſeaſe was in a great degree prevented: acid gargles, when the throat was affected, were particularly uſeful; and ripe fruit proved beneficial, by keeping the bowels in a proper ſtate, and tending to check the putrid ſymptoms. The ſmallpox ſtill continued, and was more malignant than in the preceding month; in the natural ſtate it was moſtly of the confluent kind. It is uſual under inoculation to prepare the body for this diſeaſe, by giving mercurial medicines in alterative doſes, from the time of inſerting the matter till the appearance of the eruption, and daily experience proves its utility; yet this medicine has ſeldom been given in the natural diſeaſe: but it is an eſtabliſhed fact, that corroſive ſublimate in particular, mixed only with ſugar, and in a ſmall doſe twice or three times a day from the firſt appearance of the eruption, will, even in the worſt confluent kind, render the ſymptoms much milder, and aſſiſt very much in conducting the patient through the diſeaſe. The *urticaria* likewiſe continued. Apthous ulcerations of the mouth and fauces, were very prevalent, but in general without fever, or any other unpleaſant ſymptom. The hooping-cough was alſo very prevalent, but extremely mild.

METEOROLOGICAL JOURNAL, July 1793.

D.	H.	Baro.	T.out	T. in	Hyg.	C.	Wind.	Weather, &c.
1	7	29,88	64	60	47,5	5	SW 2	. chiefly drizzling or gentle rain
	2	29,88	64	64,5	47,5	4	WNW 1	. little wet. fine eve
2	7	30,07	55,5	61	46	3	WNW 1	
	2	30,12	66,5	64	50	4	W 2	. little wet. fine
3	7	30,27	56	64	46	2	W 1	
	2	30,27	69,5	66	41	2	WSW 2	. cloudy night
4	7	30,22	58	64	44	5	SW 1	. little rain : fine
	2	30,17	69	66	41	3	SW 2	
5	7	30,29	63	66	47,5	3	WSW 2	
	2	30,24	77,5	70	43,5	3	W 2	
6	7	30,34	65	69	50,5	5	W 2	. fine
	2	30,31	82	74	44,5	2	WSW 1	
7	7	30,20	69	72	47,5	1	SW 1	
	2	30,10	85	77	40	1	WSW 1	. Thermometer 86
8	7	30,13	70,5	73,5	48	1	N 1	
N	2	30,12	82	78,5	42,5	1	E 2	: cloudy
9	7	30,14	66,5	71	42,5	4	E 1	. fine
	2	30,13	77	75	42	1	E 2	
10	7	30,09	65	71	47,5	1	E 1	
	2	30,12	81,5	75,5	35,5	1	E 1	. cloudy eve and little lightning
11	7	30,05	64,5	72	45,5	5	E 1	. fine
	2	30,01	81	76	39	1	E 1	. wind NE at night
12	7	30,03	62	73,5	45	1	NE 1	
	2	30,03	63	77	36,5	1	E 2	
13	7	30,14	66	70	46,5	1	NNE 1	
	2	30,15	82	76,5	38	1	E 1	
14	7	30,23	61,5	70	42,5	1	ENE 1	
	2	30,19	80	76	37,5	0	ESE 1	
15	7	30,19	64	69,5	40	2	E 1	
	2	30,16	81,5	74,5	36	2	ESE 1	
16	7	29,99	61,5	72	40	1	E 0	hazy
	2	29,88	85,5	77	35	1	SW 2	. Thermometer 87
17	7	29,85	61	71	46	1	WSW 1	. cloudy. fine
	2	29,92	75,5	75,5	39	3	SW 2	. cloudy night : rain
18	7	29,88	62,5	71	43	4	W 1	. gentle rain at times
	2	29,77	66,5	72	44	5	W 1	much gentle rain. fair eve : little wet
19	7	29,79	61,5	66,5	47	4	SSW 2	
	2	29,79	68	70	40	4	SW 1	. fine eve
20	7	29,89	55,5	66	43	4	WSW 1	. ſhowers
	2	29,96	64,5	68	42,5	4	N 1	. ſhowers. fair eve
21	7	30,23	55	64	42,5	3	N 1	
	2	30,23	64,5	65,5	38,5	3	N 1	
22	7	30,23	56	64,5	44.5	3	SE 2	
	2	30,19	68,5	67,5	39,5	4	SSW 2	
23	7	30,04	62	66,5	44	5	S 2	: drizzling rain
F	2	30,04	65	69	46	5	S 2	. leſs cloudy night
24	7	30,04	64,5	67	50	4	SW 1	: fine
	2	30,06	75	71	44,5	3	W 1	: cloudy
25	7	30,06	65,5	70	47,5	5	WSW 1	: fine
	2	30,06	72,5	72	44	3	SW 1	
26	7	30,11	62	68,5	46	3	SW 2	hazy. more cloudy
	2	30,10	72,5	72	42,5	4	W 1	hazy. more cloudy night
27	7	30,04	65,5	70,5	49,5	5	ENE 1	. much gentle rain
	2	30,00	64,5	69,5	52	5	E 1	heavy and continual rain : fair morn
28	7	29,96	58	65	52	5	N 1	little wet at times
	2	29,95	63	67,5	45,5	5	N 2	. leſs cloudy eve
29	7	29,93	54,5	64,5	46,5	5	NW 1	. leſs cloudy
	2	29,97	63,5	65	42,5	4	WNW 1	. fine. clear night
30	7	30,00	56,5	63	47	1	NW 1	hazy
	2	30,00	70	68	42,5	3	SW 2	. clear night : rain
31	7	29,94	60,5	66	50	5	S 1	rain. fine
	2	29,99	69,5	68	45	3	W 1	

Observations *on the* Diseases *in* July 1793.

THE ſcarlet fever began to decline early in the month, and before its termination was a rare diſeaſe. Inflammatory ſore throat was the moſt prevailing complaint; the tonſils were in general much enlarged, and ſuppuration frequently took place; the fever which accompanied it was for the moſt part conſiderable: the uſe of gargles fully ſaturated with the mineral acids, and inhaling the vapour from boiling vinegar, relaxed the inflamed glands, and by increaſing the ſecretion of mucus, proved abundantly uſeful; when theſe remedies were uſed early, ſuppuration ſeldom took place; bliſters to the throat were very beneficial, and after proper evacutions, when the fever began to ſubſide, bark, uſed as a gargle, and taken as a medicine, ſoon completed the cure. The ſmallpox and meaſles appeared here and there; the ſymptoms of the former were ſimilar to thoſe of the laſt month, and the latter were very mild. Small angry eruptions, which terminated in a deſquamation of the cuticle, were particularly frequent in ſcrophulous habits; perſpiration, produced by the heat of the weather, ſeemed to occaſion them, but much relief was in general experienced, and many uneaſy ſenſations peculiar to ſuch habits were removed, on their appearance. Great proſtration of ſtrength, accompanied with conſiderable depreſſion of ſpirits, in perſons of a full and lax habit, univerſally prevailed: theſe ſymptoms may very juſtly be attributed to the uncommon heat of the weather, the thermometer having riſen higher this month than it has done for many years paſt. In the latter part of the month, when the weather became cooler, autumnal diarrhœas, with *cholera morbus*, were very prevalent; but theſe diſeaſes were even met with during the greateſt heat, and evidently proceeded from the imprudent expoſure of the body when heated, and from drinking largely of cold liquors; ſome few caſes of anaſarca were likewiſe produced by the ſame means; and the eating of cold vegetables, ſuch as cucumber, and unripe fruit, contributed alſo to the former diſeaſes: laxatives of rhubarb frequently repeated, reſtoring the perſpiration, and drinking plentifully of weak diluting liquors, ſoon removed theſe complaints.

METEOROLOGICAL JOURNAL, Auguſt 1793.

D.	H.	Baro.	T. out	T. in	Hyg.	C.	Wind.	Weather, &c.
1	7	30,21	57	65,5	48	1	W 1	hazy
	2	30,21	70	68	44,5	4	W 1	. fine
2	7	30,21	60,5	66	47,5	1	S 1	hazy
	2	30,12	72	69,5	43,5	3	E 2	
3	7	29,91	63,5	68	51,5	2	E 1	
	2	29,82	76	72	43,5	3	ESE 2	. cloudy. thunder and much rain. cloudy night
4	7	29,72	62	68	48,5	3	SW 2	. cloudy
	2	29,76	65	69	42,5	4	S 3	. leſs wind
5	7	29,96	60	67	48	5	S 1	. fine
	2	29,98	70,5	70	42	4	S 2	. ſhowers. fine
6	7	30,09	59	67	46,5	1	W 2	
N	2	30,18	68	69	40	3	WNW 1	
7	7	30,18	58	66	49,5	1	N 1	hazy : cloudy
	2	30,09	70	69	42,5	4	E 3	. thunder and much rain. fine night : little
8	7	29,87	60	66,5	50,5	5	S 1	little rain : more wind and fine [rain
	2	29,86	71	69,5	42,5	3	WSW 3	
9	7	29,84	61	66,5	47,5	3	SW 2	
	2	29,82	66,5	60	44	4	WSW 2	. cloudy night. little rain
10	7	29,83	62,5	67,5	50	4	WSW 2	. fine
	2	29,87	71	70	47,5	3	SW 3	. leſs wind and clear night
11	7	30,08	56	65,5	46,5	2	W 1	
	2	30,08	68	68	39	3	WSW 1	. clear night : cloudy
12	7	30,11	54	65	44	4	W 1	. fine
	2	30,07	70,5	69	40	3	SSE 2	
13	7	29,95	61,5	66,5	46,5	4	SSE 1	. fine and more wind
	2	29,91	78	72	41,5	3	SW 3	. leſs wind and gentle rain. fine eve
14	7	30,06	57	66	45,5	1	WSW 2	
	2	29,99	70,5	69	39	3	SW 3	. leſs wind : cloudy
15	7	29,73	59,5	66	47	5	SSW 1	little rain at times
	2	29,49	65	68,5	45,5	4	S 3	. leſs wind at night
16	7	29,67	57,5	66	46,5	2	WSW 1	. more wind
	2	29,76	66,5	68	40	3	W 3	. leſs wind and clear eve : little rain
17	7	29,66	57,5	65	50,5	5	SE 1	much rain. fine : ſtormy ſhower
	2	29,39	62	66	49	5	S 2	chiefly rain and windy night : leſs wind and [fair
18	7	29,71	55	64,5	50	5	NW 2	
	2	29,96	60	65	44,5	4	W 2	. fine
19	7	30,11	53,5	61	49,5	4	W 1	. fine
	2	30,23	66	66,5	43	3	SSW 1	. clear night
20	7	30,20	53	58	48	h	NNW 1	. fine
	2	30,22	67	66	41	2	W 1	
21	7	30,32	58	64	48	2	WNW 1	hazy
F	2	30,32	72	69,5	44	2	W 2	
22	7	30,24	58,5	66	48	4	W 1	fine
	2	30,14	73,5	69,5	43	2	WSW 1	: cloudy
23	7	30,03	62,5	67	50	5	SW 1	. leſs cloudy
	2	30,00	70	70	44	3	SW 1	
24	7	30,11	55	65	44	3	W 1	
	2	30,11	65,5	67	40	4	WNW 1	. fine eve
25	7	30,20	53	62	45	1	NW 1	
	2	30,22	64	65,5	40	2	N 1	
26	7	30,13	51,5	62	50	2	SE 1	. cloudy : fine
	2	30,03	68	68	40	3	SE 2	. cloudy night. fine
27	7	29,96	54,5	62	45,5	1	WSW 1	. more cloudy
	2	29,98	65	66	39	4	W 2	. fine night
28	7	29,98	62,5	59,5	49	4	W 2	
	2	30,09	67	66,5	43	5	W 1	. little rain at times
29	7	30,09	56,5	63,5	44,5	3	W 1	
	2	30,01	66	66	41	1	W 1	: cloudy. little rain
30	7	29,83	57,5	64	49	3	SSW 1	: little rain
	2	29,78	62	65	46	4	SW 1	. fine : cloudy. little wet
31	7	29,79	57,5	66	46	5	WSW 1	little rain at times : fine
	2	29,77	62	66,5	44,5	3	WSW 2	. thunder ſtorm. fine : cloudy

Observations *on the* Diseases *in* August 1793.

THE diſeaſes of this month differed ſo little from thoſe of the laſt, as ſcarcely to merit particular notice. Inflammatory ſore throat ſtill continued frequent, but the moſt prevailing complaints were *cholera morbus* and diarrhœa; they yielded very readily to the moſt gentle remedies, and were ſeldom diſeaſes of more than two or three days duration. Scarlet fever now and then occurred, but with no peculiar ſymptoms; and toward the latter part of the month, ſmallpox became more frequent, and was pretty generally confluent.

METEOROLOGICAL JOURNAL, September 1793.

D.	H.	Baro.	T.out	T. in	Hyg.	C.	Wind.	Weather, &c.
1	7	29,88	53,5	62	46,5	5	SW 1	. chiefly gentle rain: much rain
	2	29,76	58	64	48,5	5	SSW 2	rain. chiefly fair. leſs cloudy night
2	7	29,69	55,5	63	49	4	WSW 2	: fine
	2	29,62	63,5	66	44	2	WSW 2	. windy night
3	7	29,62	52	63	46	3	WSW 3	
	2	29,80	63	65	39,5	3	W 2	
4	7	30,03	49	61	44,5	1	W 1	
	2	30,08	60,5	62,5	40	3	W 1	. little rain at night. fine
5	7	30,12	46	58	46	2	W 1	hazy. wind NW
N	2	30,12	57,5	61	41	4	NW 1	
6	7	30,08	50,5	59,5	46,5	5	NW 1	. fine
	2	30,07	58	61,5	40	3	NW 1	. rain at times. fine night
7	7	30,22	42,5	55	44,5	2	NW 1	hazy
	2	30,29	58	59	40	1	W 1	: cloudy
8	7	30,37	55	60	48	5	WSW 1	
	2	30,37	64	64	45	4	W 1	. fine night
9	7	30,34	56,5	63	48	5	W 1	
	2	30,30	62,5	64	42,5	5	WNW 1	
10	7	30,18	55	62,5	47,5	5	W 1	. leſs cloudy
	2	30,13	65,5	66	46	5	WNW 1	. wind N
11	7	30,13	50	60,5	47	h	N 1	
	2	30,09	62	63,5	55	4	W 1	. fine
12	7	30,03	53	60	54,5	f	NW 0	. fine
	2	30,00	66	65,5	49	2	E 1	: cloudy. little rain
13	7	29,90	59,5	64,5	57,5	6	E 1	much rain but fine at times
	2	29,86	64	66	50,5	4	S 1	. gentle ſhowers
14	7	29,82	59,5	64	57	3	SSW 1	hazy
	2	29,74	65	65,5	49	3	SSW 2	. exceſſive rain at night: chiefly fair
15	7	29,45	60	65,5	55	5	SSW 1	little rain at times: fine
	2	29,54	63,5	66,5	46	2	WSW 1	. cloudy eve. little rain
16	7	29,60	54,5	60,5	52,5	3	SW 1	hazy
	2	29,73	61	64,5	48	4	NW 1	. cloudleſs night but hazy
17	7	30,01	50,5	60,5	50,5	2	W 1	hazy: cloudy
	2	30,02	62,5	63,5	48	5	S 2	. much rain at eve and night
18	7	29,80	61	65	57	5	SSW 1	. little rain at times
	2	29,82	65	66,5	54	5	SW 1	gentle rain. fair night
19	7	30,14	52,5	60,5	52	4	N 1	. more cloudy
F	2	30,18	56,5	62	49,5	5	N 1	
20	7	30,17	52	60	53	5	N 2	. little wet. ſhower: fine
	2	30,18	58	61	46,5	3	N 3	. leſs wind
21	7	30,20	47	57	50	1	N 1	. frequent ſhowers: hail
	2	30,18	53	58	50	3	NE 2	. ſhowers: cloudy and little rain
22	7	29,90	46,5	56,5	51,5	5	N 2	. chiefly gentle rain
	2	29,72	51	58	50	5	N 2	gentle rain. chiefly fair
23	7	29,59	45	55,5	51	5	N 1	. fine. cloudy: little rain
	2	29,67	49	56	49,5	5	S 1	much gentle rain. fine night
24	7	30,02	47	55,5	52	4	SW 1	
	2	30,11	57,5	58	46	4	SW 1	. gentle rain at times
25	7	30,26	48	56,5	52	2	NE 1	foggy
	2	30,34	59	60	46,5	3	NNW 1	. clear night
26	7	30,49	45	56	51,5	f	NNW 0	. fine
	2	30,45	54	58,5	49,5	3	NE 1	
27	7	30,45	44	55	52	2	E 1	foggy
	2	30,40	57	59,5	48,5	1	E 1	
28	7	30,25	43	57	53	2	ENE 1	hazy
	2	30,11	59	61	49	2	ENE 1	
29	7	29,83	49	56	54,5	h	ENE 1	. cloudy: fine
	2	29,74	60	61	47	3	S 2	
30	7	29,74	52,5	60	51	4	SSW 2	
	2	29,82	52,5	61,5	45	4	WSW 1	: drizzling rain

Observations *on the* Diseases *in* September 1793.

THE ſmallpox increaſed in frequency during this month, and were almoſt univerſally confluent, but did not on the whole prove very fatal. The hooping-cough was likewiſe common, but rather mild. New-born infants were more than uſual affected with the thruſh, and likewiſe with ſlight catarrhs, both of which yielded very readily to the accuſtomed remedies. Agues were likewiſe common, but their origin could in general be traced to a reſidence in a low and marſhy ſituation in the country; they did not prove obſtinate. Peripneumonic and pleuretic affections were rather frequent toward the middle of the month, but were not ſevere, and yielded readily to bleeding and antiphlogiſtic remedies. The croup, which had been dormant for ſeveral months, again prevailed: as this is a diſeaſe which ſcarcely admits of a cure unleſs in its early ſtage, and as from the mildneſs of the ſymptoms on its firſt attack, it occaſions no apprehenſions to perſons unaccuſtomed thereto, it may not be improper to give ſome account of it. Cold ſeems to be the prediſpoſing cauſe to this diſeaſe, which acts more powerfully when united with moiſture: it is met with moſt frequently in low and marſhy ſituations, particularly in the neighbourhood of the ſea, and more eſpecially if open to the eaſt, or north; it does not appear to be contagious; and it very rarely attacks infants at the breaſt, or children above ten years of age, but between theſe periods; and the nearer they are to the time of weaning, the more liable are they to the diſeaſe. It makes its attack, in general, with the common ſymptoms of catarrh (though now and then the diſtinguiſhing marks of the complaint appear at firſt) theſe are ſoon ſucceeded by fever, accompanied with a ſenſe of tightneſs acroſs the cheſt, and a difficulty in reſpiration, though not any in deglutition; but the diſtinguiſhing ſymptom of the diſeaſe, is a peculiar noiſe or thrillneſs in coughing or ſpeaking, and even in reſpiration, as if the air was forced through a metallic tube. Though the cough is in general dry, yet films, accompanied with a fluid having the appearance of purulent matter, are ſometimes expectorated, and occaſionally a tube of concreted mucus, having the form of the windpipe, has been coughed up. It has proved fatal in one or two days from its attack, but in general it runs on to four or five; a ſpaſmodic affection of the windpipe, and an inability to breathe, ſeizes on the patient, who in general expires ſuddenly in this way. On diſſection, the *trachea* is in general found lined with thickened mucus, reſembling a membrane, which in ſome inſtances nearly filled up the cavity; underneath this is a fluid reſembling purulent matter, with which the *bronchiæ* are likewiſe very much loaded. It appears to be a truly inflammatory diſeaſe. General as well as topical bleedings in the early part of the diſeaſe are much to be depended on; leeches applied to the throat, and the bleeding encouraged by fomenting with warm water, prove very uſeful; a bliſter may afterward be applied to the ſame part: active emetics ſhould by no means be omitted, but frequently adminiſtered during the continuance of the diſeaſe; and inhaling warm vapours, particularly thoſe ariſing from vinegar mixed with boiling water, prove uſeful; the bowels ſhould likewiſe be kept in a gentle laxative ſtate. Vitriolated zinc has been particularly recommended as an emetic; but it does not ſeem to poſſeſs any ſuperiority over other emetics, except from the quality it has of more ſpeedily exciting the ſtomach to action; it may therefore be given in thoſe caſes, where the danger is ſo urgent as to to render it unſafe to wait for the operation of other emetics.

METEOROLOGICAL JOURNAL, October 1793.

D.	H.	Baro.	T. out	T. in	Hyg.	C.	Wind.	Weather, &c.
1	7	29,68	59,5	61,5	62,5	5	SSW 2	chiefly cloudy and drizzling rain
	2	29,65	61,5	63	57,5	5	SW 2	little rain. more wind : leſs wind and fine
2	7	29,93	51	62	48	2	SW 1	: cloudy. ſhower of hail
	2	29,82	57,5	62,5	45	5	W 2	little rain. fine night
3	7	30,13	49,5	53,5	51	2	SW 1	. cloudy and little rain
	2	30,18	60	62	50	5	W 1	. windy night : little wet
4	7	30,06	57	60,5	55,5	5	SW 2	drizzling rain. fine
	2	30,14	64,5	64,5	51	2	WSW 2	: cloudy and little wet
5	7	30,21	59	63	56,5	5	W 1	. fine
N	2	30,27	64	65,5	51	2	W 1	: cloudy
6	7	30,22	57,5	63	52,5	5	SW 2	. fine : chiefly cloudy
	2	30,25	63	66,5	50	5	WSW 1	. little wet. chiefly fine
7	7	30,30	51,5	60	52	4	WSW 1	. fine
	2	30,23	62	64	47	2	SW 2	. cloudy night : fine
8	7	30,30	53	61,5	51	1	W 1	. more cloudy
	2	30,28	61	63,5	50,5	4	WSW 2	
9	7	30,22	52,5	62,5	52,5	h	SW 1	. fine
	2	30,14	60,5	63	50	r	SSW 1	
10	7	29,98	52	60	56,5	f	S 0	. fine
	2	29,92	62	64,5	52	3	SW 1	. cloudy night
11	7	29,97	54	61	51	5	WSW 1	
	2	29,97	58	62	48	5	WSW 1	
12	7	29,92	57	62	72	5	ESE 1	: fine
	2	29,94	64	64,5	57,5	2	SE 1	
13	7	30,08	58	64	57	2	SSW 1	
	2	30,08	64	65,5	46	1	SSW 1	. cloudy night
14	7	30,13	57	62	55	5	S 1	: fine
	2	30,23	61,5	65,5	47	3	NNW :	
15	7	30,45	43,5	56	48	2	NNW 1	
	2	30,50	55	61	47	2	NW 1	
16	7	30,49	54	61	49,5	h	W 1	. fine
	2	30,42	60	64	45,5	3	WNW 1	: cloudy
17	7	30,31	49	58	51	5	NW 1	
	2	30,30	59	62,5	50,5	5	NW 1	. chiefly drizzling. fine night : cloudy
18	7	30,31	49	59	53	5	N 1	hazy
	2	30,28	55	60,5	52	5	WNW 1	hazy
19	7	30,26	51	57	52	h	W 1	
F	2	30,22	54,5	60	47	4	W 1	hazy
20	7	30,18	52,5	60	50	4	W 1	, hazy
	2	30,14	55,5	61	46,5	5	W 1	hazy ; fine
21	7	30,17	49,5	57,5	49,5	0	W 1	
	2	30,27	49	53	47	3	W 2	, calm cloudy night
22	7	30,24	53,5	61	52	h	W 0	. wind S and drizzling fog
	2	30,24	56	61	57	5	E 1	
23	7	30,30	52	59	52	4	E 1	hazy
	2	30,25	56	59,5	46,5	3	ESE 1	hazy
24	7	30,02	45,5	55	48	f	SE 1	. fine
	2	29,92	51	57	46,5	3	SSW 1	: little rain
25	7	29,77	50	52	52	f	W 1	, more wind : little wet
	2	29,64	54	59	51	5	SSW 3	. little wet at times. windy night
26	7	29,57	57,5	60	56	5	SW 4	: little wet
	2	29,55	59,5	61	53	5	SW 4	little wet. leſs wind
27	7	29,51	54	60,5	54,5	4	SSW 2	. little wet
	2	29,49	57	62,5	51,5	4	SW 2	. fine
28	7	29,78	45	57	52	1	WSW 1	
	2	29,96	52,5	58,5	46,5	1	NW 1	
29	7	29,81	49	57	52	2	SSW 1	. more wind and cloudy
	2	29,54	56	58	50,5	5	SSW 3	. much rain : fine
30	7	29,32	40	54,5	50,5	1	W 2	
	2	29,40	47	56	46	2	W 1	
31	7	29,27	37	49,5	49,5	3	WSW 1	
	2	29,32	43,5	53	47	2	N 2	

Observations *on the* Diseases *in* October 1793.

THIS month was on the whole healthy, and the diſeaſes which prevailed, were ſimilar to thoſe of the preceding one; the ſmallpox was not quite ſo frequent, but ſtill continued confluent, and was rather more fatal. Gout, which is the diſeaſe of the ſeaſon, was very prevalent; and where the rheumatic fever occurred, it principally attacked thoſe who were before accuſtomed to that complaint. Many perſons were afflicted with the mumps, which was the moſt prevailing diſeaſe. To the account of croup, given laſt month, it has been obſerved, that children afflicted with ſcrofula, or thoſe born of ſcrofulous parents, were moſt liable to that diſeaſe.

METEOROLOGICAL JOURNAL, November 1793.

D.	H.	Baro.	T. out	T. in	Hyg.	C.	Wind.	Weather, &c.
1	8	29,63	38,5	50	50	3	WNW 1	foggy
	2	29,71	44	52	47,5	2	NW 1	hazy
2	1	29,95	33,5	44	50,5	1	WNW 1	hazy
	2	29,90	44,5	50	48	4	S 1	. more cloudy : rain. fine
3	8	29,66	46,5	51	54	2	SW 1	hazy
N	2	29,67	50	53,5	47	2	W 1	
4	8	29,64	41	51,5	55	f	SW 1	. much rain
	2	29,46	45	52,5	52,5	h	E 1	. rain
5	8	29,67	37,5	47,5	52	f	W 1	. fine
	2	29,66	47	52	48	2	WNW 1	. foggy eve
6	8	29,87	40,5	49,5	52,5	2	NNW 1	foggy
	2	29,90	47	51,5	49	2	N 1	
7	8	29,99	40	49,5	51	2	NNW 1	foggy : more cloudy
	2	29,97	46	51	48	4	NNW 2	. little rain. clear night
8	8	29,92	37	47	55	f	N 0	. wind E : little rain
	2	29,76	45,5	50	52,5	h	SE 1	. chiefly gentle rain
9	8	29,54	40,5	47,5	52,5	2	W 1	foggy
	2	29,52	48,5	52,5	51,5	3	S 1	. cloudy night : much rain
10	8	29,11	49	52,5	55	5	WSW 1	little rain. fine
	2	29,21	49	54	50	2	SW 1	. rain at night
11	8	29,22	46	55	50,5	3	NW 1	foggy. wind W
	2	29,41	49,5	54,5	48,5	3	W 1	
12	8	29,71	38	47	56	f	N 1	. little wet
	2	29,58	47	52	57,5	f	E 1	. rain. windy night and chiefly fine
13	8	29,30	51	54	55	3	SSW 2	: cloudy
	2	29,32	53	55	50,5	5	SW 2	. clear night
14	8	29,47	42,5	48	52,5	f	SW 1	. few clouds but hazy
	2	29,51	49,5	55	49	3	SW 1	hazy. foggy eve. fine
15	8	29,54	43,5	50	60	3	SE 1	foggy. cloudy
	2	29,50	50	55	52,5	5	SE 2	: little rain
16	8	29,47	47,5	52	60	5	E 2	foggy
	2	29,49	50	56,5	54	5	E 1	foggy
17	8	29,61	49	55	64	f	E 1	. rain at times
F	2	29,66	51	56,5	57	5	ENE 1	gentle rain. less cloudy eve and chiefly fair
18	8	29,65	52	56	56	4	SE 1	hazy
	2	29,68	55	57	56	5	SE 1	. fine night but hazy
19	8	29,58	49	55	56	f	ENE 1	
	2	29,60	54	57	52,5	3	S 1	hazy
20	8	29,84	46	55	55	f	SE 1	continual fog
	2	29,87	52	57	52,5	f	E 1	continual fog
21	8	30,01	49	54,5	57	f	E 1	. less foggy
	2	30,02	51	56	53,5	5	E 1	. fine night
22	8	30,01	44	54	58	f	E 1	. fine
	2	29,97	51	55	59	1	E 1	hazy. foggy eve. fine
23	8	29,97	46,5	54	70,5	f	E 1	. fine
	2	29,93	51,5	56,5	59	1	E 2	hazy
24	8	30,09	45,5	51,5	61	5	E 2	
	2	30,12	47,5	54,5	58	5	E 2	
25	8	30,32	45,5	53,5	53	5	NE 1	
	2	30,34	44,5	49,5	52	5	NE 1	
26	8	30,34	45,5	52,5	55	h	NE 1	
	2	30,33	43,5	53	52,5	h	NE 1	. little wet at night : fine
27	8	30,25	44	50,5	56	1	NNE 1	. cloudy
	2	30,25	49	53,5	56	5	N 1	
28	8	30,33	45,5	50,5	62	h	N 1	
	2	30,33	46,5	53	53,5	h	E 1	
29	8	30,37	46	52,5	55	f	NE 1	
	2	30,36	47,5	53,5	52	5	NNE 2	: little rain
30	8	30,37	42,5	50	54	5	NNE 1	
	2	30,37	45,5	53	53,5	4	N 1	hazy. fine eve. cloudy : little rain

Observations *on the* Diseases *in* November 1793.

THE ſmallpox, which uſually declined at this ſeaſon of the year, was on the contrary more frequent; it ſtill continued to be confluent, was frequently accompanied with *petechiæ*, and the mortality very conſiderable; when it proved fatal, it was commonly about the fourteenth day, but many inſtances occurred of its becoming ſo on the fourth or fifth; the mouth and fauces were in general much covered with the eruption, and the breathing from the firſt attack of the diſeaſe was difficult; keeping the patients in the open air during the eruption was very beneficial, as the number of puſtules was conſiderably leſſened and the danger thereby diminiſhed; bark and mineral acids were the beſt remedies for the putrid ſymptoms, and opiates occaſionally adminiſtered proved abundantly uſeful in abating irritability, and thereby leſſening fever. Scarlet fever again prevailed in the neighbourhood, and proved rather fatal, but was ſtill a rare diſeaſe in town. The meaſles were likewiſe very frequent, but mild. Catarrhs were pretty univerſal, but children were more particularly affected by them.

METEOROLOGICAL JOURNAL, December 1793.

D.	H.	Baro.	T. out	T. in	Hyg.	C.	Wind.	Weather, &c.
1	7	30,37	43,5	50	59	f	NNE 1	drizzling rain at times
	2	30,36	46	52	54	5	NNE 1	. little rain at times
2	7	30,30	43	50	56	f	ENE 1	
	2	30,21	45,5	52	52,5	4	ENE 1	hazy. more cloudy
3	7	30,24	41,5	48	55	5	NNE 1	. little wet : leſs cloudy
N	2	30,28	42,5	49	51	3	E 1	hazy. cloudleſs eve but hazy
4	7	30,32	33	42	48	3	ESE 1	foggy
	2	30,24	38,5	45,5	46,5	4	SW 1	foggy. cloudleſs night but hazy
5	7	30,33	33,5	42,5	52	f	SW 1	continual fog
	2	30,32	41	46,5	51,5	f	WSW 1	
6	7	30,30	40,5	47,5	51,5	f	W 1	
	2	30,26	44,5	49,5	51	3	W 1	foggy. clear night
7	7	30,12	33,5	43,5	51	f	W 1	: little rain
	2	30,02	39,5	47	51	f	W 1	
8	7	29,92	40,5	49,5	52,5	4	W 1	foggy. fine
	2	29,89	44,5	49	51	4	WSW 1	. fine night. cloudy
9	7	29,80	44,5	48,5	52,5	f	SSW 1	
	2	29,72	46	50	50,5	3	SSW 2	. cloudy night : clear
10	7	29,59	43	49	55	f	S 1	. fine
	2	29,41	49	52	49	2	S 2	. little rain in the night
11	7	28,76	49	53	65	6	S 2	. chiefly gentle rain
	2	28,80	53,5	55	57,5	4	SW 2	. little rain at times
12	7	29,11	50,5	54,5	54	4	SW 1	
	2	29,23	53	55,5	51	3	SSW 2	. cloudy and rain at times
13	7	29,14	56	58	61	6	SSW 2	gentle rain : fine
	2	29,18	55	58,5	53	3	SW 3	. leſs wind and clear eve
14	7	29,42	49	55	54,5	h	S 1	. fine : hazy
	2	29,40	51	58	54,5	h	SSE 1	. little rain in the night
15	7	29,42	47,5	53,5	55	3	E 1	hazy. cloudy
	2	29,45	51,5	57	52,5	5	E 1	. more wind and much rain at night
16	7	29,12	51,5	56,5	56,5	5	S 1	foggy and gentle rain : fair
	2	29,25	50	57	49	5	NW 1	. fine eve. clear
17	7	29,79	41	48	51	o	SW 1	hazy : cloudy. rain
F	2	29,73	48,5	53	53	5	S 2	chiefly rain
18	7	29,63	52,5	55	57	5	SSW 2	. little rain at times
	2	29,47	52	56	54	5	S 3	. rain at times. fine and ſhowers
19	7	29,44	45,5	52,5	52	2	S 1	
	2	29,46	49,5	55	51	3	S 2	
20	7	29,55	39	51	52	f	SSW o	. very foggy : few clouds but foggy
	2	29,55	39,5	50,5	53,5	2	SSW o	foggy. very foggy. fine night
21	7	29,46	40,5	49,5	53	3	ESE 1	: cloudy
	2	29,26	45	51	51	4	S 1	. more cloudy. rainy night : fine
22	7	28,89	43	50	57	f	S 1	. cloudy : little rain
	2	28,94	47	52,5	56	5	SSE 2	. little rain. fair. rainy night
23	7	29,22	46	52	56,5	6	ESE 1	. little rain. fine : cloudy
	2	29,40	47,5	52,5	52,5	4	ESE 1	. little rain. fine eve
24	7	29,68	44,5	50	55	h	NE 1	
	2	29,73	46,5	52,5	54	4	NE 2	hazy. more cloudy
25	7	29,92	42,5	50	51	5	NE 1	
	2	29,93	43,5	51	50	5	NE 1	
26	7	30,13	41,5	47,5	52,5	5	NE 1	chiefly drizzling : fair
	2	30,12	42,5	52	53	5	NE 1	hazy. little wet
27	7	29,97	40,5	46,5	55	5	NE 1	foggy
	2	29,95	41,5	49	53,5	5	NE 1	foggy
28	7	29,86	39	46	53	5	NE 1	foggy
	2	29,86	40	46,5	49,5	5	N 1	. fine
29	7	29,97	37,5	44,5	52	3	N 1	
	2	30,02	39	47,5	52	2	N 1	. clear night : foggy
30	7	30,09	31,5	44,5	50,5	f	N o	continual fog
	2	30,01	34,5	44,5	52	f	N o	continual fog
31	7	29,77	39,5	44,5	52,5	3	S 1	
	2	29,68	40	46,5	47	3	SSE 1	

Observations *on the* Diseases *in* December 1793.

THE ſmallpox continued to prevail very much in the beginning of the month, but in a much milder form; the puſtules were in general diſtinct, and though the weather was warm for the ſeaſon of the year, yet the putrid and malignant ſymptoms had nearly diſappeared: toward the latter part of the month, it became much leſs frequent. All the diſeaſes of the laſt month had a putrid tendency, which was not the caſe in this: quite at its cloſe truly inflammatory diſeaſes began to occur, ſuch as pleuriſies, with acute rheumatiſm; rheumatic affections were indeed common in the early part of the month, but they were unaccompanied with fever, and were more generally confined to the head and face: warmth, with the application of bliſters behind the ears, proved in general the beſt remedies. Apoplexies were rather frequent, and likewiſe paralytic affections, which proved in many inſtances fatal to ſuch as were advanced in years, or who had been ſubject to former attacks. The ſcarlet fever was ſtill occaſionally met with, as were the meaſles, but both were very mild, and required little aſſiſtance from medicine. Aſthmatic people began to feel the change of the ſeaſon; and perſons in general labouring under diſeaſes of the lungs, experienced an aggravation of all their ſymptoms.

General Obſervations.

On the whole this has proved a healthy year; no epidemic marked with any particular malignity has prevailed, unleſs we except the ſmallpox, which in two or three of the latter months prevailed much, and was rather more than commonly mortal. Scarlet fever has been common in the adjacent villages, but in the metropolis it has not been particularly frequent, nor by any means fatal. Toward the end of the year, all the diſeaſes which prevailed had a putrid tendency.

MVSEVM
BRITAN
NICVM

Greateſt, Leaſt, and Mean State of the BAROMETER, THERMOMETER, *and* HYGROMETER, *in the Year* 1793.

1793	Barometer.			Thermometer out.			Thermometer in.			Hygrometer.		
	Great.	Leaſt	Mean	Great.	Leaſt	Mean	Great.	Leaſt	Mean	Great.	Leaſt	Mean
Jan.	30,55	29,01	30,04	49	29	39	51,5	40,5	45,5	60	49	54
Feb.	30,25	29,34	29,84	52,5	32	42,5	53	43	48,5	55,5	47	50,5
Mar.	30,23	29,09	29,88	52,5	32	42	55	42	48,5	62	41,5	48,5
Apr.	30,32	29,29	29,92	58,5	33	45,5	57,5	44	50,5	57,5	39,5	46,5
May	30,32	29,17	30,02	69	44	54,5	64,5	52	57	53	34,5	45
June	30,23	29,72	29,99	71	48,5	59	66	54,5	61	52,5	32	44
July	30,34	29,77	29,91	87	55	67	78,5	60	69,5	52	35	44
Aug.	30,32	29,39	29,98	78	51,5	63	72	58	66	51,5	39	45,5
Sept.	30,49	29,45	30,05	66	42,5	55,5	66,5	55	61,5	57,5	39,5	48,5
Oct.	30,50	29,27	30,02	64,5	37	55,5	66,5	49,5	60	62,5	46	51
Nov.	30,37	29,11	29,81	55	33,5	46,5	57	44	52,5	70,5	47	54
Dec.	30,37	28,76	29,72	56	31,5	45,5	58,5	42	50,5	65	46,5	53
Whole Year.	30,55	28,76	29,93	87	29	51,5	78,5	40,5	56	70,5	32	48,5

MUSEUM BRITANNICUM

THE END.